

# Notice of Allowability

Application No.

09/698,255

Examiner

Khanh Dinh

Applicant(s)

SEKIGUCHI, KENZOU

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 6/8/2004.
2. ☒ The allowed claim(s) is/are 29,33-35,38-40 and 43-46.
3. ☒ The drawings filed on 30 October 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
ZARNI MAUNG  
PRIMARY EXAMINER

### DETAILED ACTION

1. This is in response to the Amendment filed on 6/8/2004. Claims 29-46 are presented for examination.

### Examiner's Amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with the undersigned Attorney (Leonard P. Diana) on 9/30/2004.

The application has been amended as follows:

Please **cancel** claims **31, 32, 36, 37, 41 and 42**.

Please **amend** claims **29, 34, 39 and 46** as follows:

Claim 29 (twice amended): A communication device for receiving an e-mail stored in an e-mail server, said device comprising:

communication means for transmitting an e-mail transmission request to the e-mail server and receiving the e-mail transmitted from the e-mail server in response to the transmission request;

memory means for storing the e-mail received from the e-mail server;

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acquisition means for acquiring from the e-mail server, before said communication means receives the e-mail from the e-mail server, size information of the e-mail located on the e-mail server;

determination means for determining, based on the size information of the requested e-mail acquired by said acquisition means and an available storage capacity of said memory means, whether the storage capacity of said memory means in the communication device is sufficient to store all data included in the e-mail, wherein, if it is determined that the available storage capacity of said memory means is sufficient to store all the data included in the e-mail, the e-mail server transmits the e-mail entirely to the communication device, otherwise the e-mail server transmits only header data of the e-mail to the communication device; and

warning means for, if said determination means determines that the available storage capacity of said memory means of said communication device is not sufficient to store all the data included in the e-mail, visually outputting warning information to the communication device indicating that the e-mail stored in the e-mail server cannot be entirely received; and

recording means, wherein said warning means generates a report indicating the warning information and records it using said recording means;

wherein said communication device converts a received e-mail into image data and records that e-mail using said recording means.

Claim 34 (twice amended): A communication method of a communication

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device, for receiving an e-mail stored in an e-mail server, said method comprising the steps of:

transmitting an e-mail transmission request to the e-mail server and receiving the e-mail transmitted from the e-mail server in response to the transmission request;

storing the e-mail received from the e-mail server in a memory unit;

acquiring from the e-mail server, before receiving the e-mail from the e-mail server, size information of the e-mail located on the e-mail server;

determining, based on the size information of the requested e-mail acquired in said acquiring step and an available storage capacity of the memory unit, whether the storage capacity of the memory unit is sufficient to store all data included in the e-mail, wherein, if it is determined that the available storage capacity of the memory unit in the communication[[s]] device is sufficient to store all the data included in the e-mail, the e-mail server transmits the e-mail entirely to the communication[[s]] device, otherwise the e-mail server transmits only header data of the e-mail to the communications device; and,

if it is determined in said determining step that the available storage capacity of the memory unit of the communication device is not sufficient to store all the data included in the e-mail, visually outputting warning information to the communication device indicating that the e-mail stored in the e-mail server cannot be entirely received;

wherein said step of visually outputting includes generating a report indicating the warning information and records it using recording means; and

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wherein a received e-mail is converted into image data and recorded using the recording means.

Claim 39 (twice amended): A computer-readable memory medium storing executable code for performing a communication method of receiving an e-mail stored in an e-mail server, wherein the method comprises the steps of:

transmitting an e-mail transmission request to the e-mail server and receiving the e-mail transmitted from the e-mail server in response to the transmission request;

storing the e-mail received from the e-mail server in a memory unit;

acquiring from the e-mail server, before receiving the e-mail from the e-mail server, size information of the e-mail located on the e-mail server;

determining, based on the size information of the requested e-mail acquired in said acquiring step and an available storage capacity of the memory unit, whether the storage capacity of the memory unit in the communication[[s]] device is sufficient to store all data included in the e-mail, wherein, if it is determined that the available storage capacity of the memory unit is sufficient to store all the data included in the e-mail, the e-mail server transmits the e-mail entirely to the communications device, otherwise the e-mail server transmits only header data of the e-mail to the communication[[s]] device; and,

if it is determined in said determining step that the available storage capacity of

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the memory unit of the communication device is not sufficient to store all the data included in the e-mail, visually outputting warning information to the communication device indicating that the e-mail stored in the e-mail server cannot be entirely received;

wherein said step of visually outputting includes generating a report indicating the warning information and records it using recording means; and

wherein a received e-mail is converted into image data and recorded using the recording means.

Claim 46 (twice amended); A communication device for receiving an e-mail stored in an e-mail server, said device comprising:

a communication unit adapted to transmit an e-mail transmission request to the e-mail server and to receive the e-mail transmitted from the e-mail server in response to the transmission request;

a memory unit adapted to store the e-mail received from the e-mail server;

an acquisition unit adapted to acquire from the e-mail server, before said communication unit receives the e-mail from the e-mail server, size information of the e-mail located on the e-mail server;

a determination unit adapted to determine, based on the size information of the requested e-mail acquired by said acquisition unit and an available storage capacity of said memory unit, whether the storage capacity of said memory unit in the communication[[s]] device is sufficient to store all data included in the e-mail, wherein, if it is determined that the available storage capacity of said memory unit is sufficient to

store all the data included in the e-mail, the e-mail server transmits the e-mail entirely to the communication[[s]] device, otherwise the e-mail server transmits only header data of the e-mail to the communications device; and

a warning unit adapted to, if said determination unit determines that the available storage capacity of said memory unit of said communication device is not sufficient to store all the data included in the e-mail, visually output warning information to the communication[[s]] device indicating that the e-mail stored in the e-mail server cannot be entirely received;

a recording unit, wherein said warning unit generates a report indicating the warning information and records it using said recording unit;

wherein said communication unit converts a received e-mail into image data and records that e-mail using said recording unit.

#### ***Allowable Subject Matter***

3. Claims 29, 33-35, 38-40 and 43-46 are allowed.
4. The following is a statement of reasons for the indication of allowable subject matter:

None of the cited prior art teaches or discloses a computer system for receiving an email stored in an email server comprising a combination of: determining based on the size information acquired by a acquisition unit and the available storage of the storage capacity of client whether the memory unit is sufficient to store all data included

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in the email or just sending the header information. The invention further discloses a recording unit, wherein said warning unit generates a report indicating the warning information and records it using said recording unit, wherein said communication unit converts a received e-mail into image data and records that e-mail using said recording unit.

***Other prior art cited***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- a. Guck, US pat. No.5,911,776.
- b. Mighdoll et al., US pat. No.5,918,013.

***Conclusion***

6. Claims **29, 33-35, 38-40 and 43-46** are allowed.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (703) 308-8528. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (703) 308-6687. The fax phone number for this group is (703) 872-9306.



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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305 -9600.

Khanh Dinh  
Patent Examiner  
Art Unit 2151  
9/30/2004



ZARNI MAUNG  
PRIMARY EXAMINER